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~~Electronically filed~~ \*\*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Catherine Lin Hengel Confirmation No.: 7583  
Serial No.: 09/544,036 Art Unit: 2179  
Filed: April 6, 2009 Examiner: Tran, Mylinh T.  
For: Multiple Selection of Digitally Stored Objects and  
Corresponding Link Tokens for Simultaneous Presentation Attorney Docket No.: 101156-5001-US  
Date: \*

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The enclosed Amendment is in response to the Office Action dated March 18, 2009 for the above identified patent application.

Petition for Extension of Time under 37 CFR 1.136. It is respectfully requested that the time for response to the Office Action dated March 18, 2009 be extended for a period of 2 month(s) from June 18, 2009 to July 18, 2009.

The Commissioner is hereby authorized to charge any required fee(s) to Morgan, Lewis & Boekius LLP Deposit Account No. 50-0310 (order no. 101156-5001-US).

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IN THE CLAIMS:

Rewrite the pending claims and add new claims as follows:

1. (Currently Amended) A system for selecting and simultaneously displaying a plurality of digitally stored objects, comprising:
  - means for displaying digitally stored objects via a webpage;
  - means for selecting on said webpage a plurality of the displayed digitally stored objects, each displayed digitally stored object having at least one ~~dynamically linked~~ associated ~~destination object~~ webpage; and
  - means for retrieving the at least one ~~dynamically linked destination object~~ associated webpage for each selected one of the plurality of the displayed digitally stored objects together from a storage medium, resulting in a plurality of retrieved webpages and then simultaneously displaying together in a single window the retrieved ~~destination objects~~ webpages for viewing.
2. (Original) The system according to Claim 1, further comprising
  - means for providing a two-dimensional array of graphical thumbnails of the digitally stored objects.
3. (Previously presented) The system according to Claim 2, wherein the graphical thumbnails in the two-dimensional array can be selectively scrolled at any one of a plurality of speeds and can be selectively stopped from scrolling.
4. (Original) The system according to Claim 2, wherein the graphical thumbnails in the two-dimensional array can be selectively scrolled vertically.
5. (Original) The system according to Claim 2, wherein the graphical thumbnails in the two-dimensional array can be selectively scrolled horizontally.

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6. (Previously presented) The system according to Claim 2, wherein the two-dimensional array of graphical thumbnails has a selectively adjustable number of columns and rows.
7. (Previously presented) The system according to Claim 1, further comprising means for sub-framing information associated with the selected plurality of digitally stored objects.
8. (Previously presented) The system according to Claim 7, wherein the sub-framing means includes a horizontal dynamic scroll bar and a vertical dynamic scroll bar that allow an orderly arrangement and presentation of textual information.
9. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein:  
the ~~selection means includes~~ a different check box is associated with each one of the plurality of digitally stored objects;  
the ~~retrieval means includes a submit button;~~  
each one of the plurality of displayed digitally stored objects is adapted to be selected one at a time by using ~~a computer~~ the input device to select a different check box such that a check appears in the check box; and  
invoking ~~[[the]]~~ a submit button using the ~~computer~~ input device retrieves together and simultaneously displays together the ~~associated destination objects~~ retrieved webpages.
10. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein:  
the ~~selection means includes~~ a different check box is associated with each one of the plurality of digitally stored objects;  
the ~~retrieval means includes a "go" button;~~  
each one of the plurality of displayed digitally stored objects is adapted to be selected one at a time by using ~~a computer~~ the input device to select a different check box such that a check appears in the check box; and  
invoking ~~[[the]]~~ a "go" button using the ~~computer~~ input device retrieves together and simultaneously displays together the ~~associated destination objects~~ retrieved webpages.

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11. (Currently Amended) The system according to Claim 10, wherein single clicking on the selected check box de-selects a link to the associated destination object so that the check box reverts to being unchecked indicating that the associated ~~destination object webpage~~ is un-selected.
12. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein:  
wherein the input device is a computer mouse;  
~~the selection means is adapted to select each selected~~ displayed digitally stored object of the ~~selected~~ plurality of selected displayed digitally stored objects is selected one at a time by pointing to a different link-token associated with each different one of the plurality of displayed digitally stored objects and, after all of the selected plurality of displayed digitally stored objects have been selected, single clicking ~~[[a]]~~ the computer mouse button; and  
double clicking the computer mouse button retrieves together and simultaneously displays together the ~~associated destination objects~~ retrieved webpages.
13. (Original) The system according to Claim 12, wherein each one of the different associated link-tokens is a first color and each time one of the plurality of digitally stored objects is selected by single clicking the computer mouse button, the first color changes to a second color to indicate the selection of the digitally stored object.
14. (Currently Amended) The system according to Claim 13, wherein each one of the selected link-tokens changes to a third color when a browser returns to a list of the plurality of digitally stored objects from the retrieved and simultaneously displayed ~~associated destination objects~~ retrieved webpages.
15. (Previously presented) The system according to Claim 13, wherein single clicking on the selected link-token de-selects the link-token so that the link-token reverts to the first color indicating the de-selection of the link-token.

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16. (Currently Amended) The system according to Claim [[1]] 48, wherein the selection ~~means~~ comprises:

~~means for~~ selecting the plurality of digitally stored objects one at a time by pointing to and ~~clicking on~~ selecting a different link-token associated with each different one of the plurality of digitally stored objects.

17. (Previously presented) The system according to Claim 16, wherein each one of the associated link tokens is a first color and each time one of the plurality of digitally stored objects is selected the first color changes to a second color to indicate the selection of the digitally stored object.

18. (Currently Amended) The system according to Claim [[1]] 48, wherein the selection ~~means are~~ is employed and the retrieval ~~means are~~ is invoked using a computer mouse having a first button and a second button, the plurality of digitally stored objects being selected one at a time by pointing to a different link-token associated with each different one of the plurality of digitally stored objects and clicking the first computer mouse button, and then after all of the plurality of digitally stored objects have been selected, clicking the second computer mouse button to retrieve and simultaneously display the ~~associated destination objects retrieved webpages~~.

19. (Currently Amended) The system according to Claim 18, wherein a first one of the retrieved ~~associated destination objects website~~ simultaneously displayed for viewing is made larger than the other simultaneously displayed ~~destination objects webpages~~ by using a computer input device to invoke the first ~~destination object webpage~~.

20. (Currently Amended) The system according to Claim 18, wherein when the computer input device is used to invoke a second one of the retrieved ~~associated destination~~

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~~objects~~ webpages simultaneously displayed for viewing, the first destination object returns to the same smaller size of the other simultaneously displayed ~~destination objects~~ webpages and the second destination object is made larger than the other simultaneously displayed ~~destination objects~~ webpages.

21. (Currently Amended) The system according to Claim 18, wherein each one of the different associated link-tokens is a first color and each time one of the digitally stored objects is selected ~~selected~~ using a computer input device, the first color changes to a second color to indicate the selection of the digitally stored object, and wherein the second color changes to a third color when a browser returns to a list of the displayed digitally stored objects from the retrieved and simultaneously displayed ~~associated destination objects~~ retrieved webpages.

22. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein the system is used on a personal computer.

23. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein the system is used on a computer network.

24. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein the system is used with a CD-ROM.

25. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein the system is used on a wireless device.

26. (Currently Amended) The system according to Claim ~~[[1]]~~ 48, wherein the system is implemented using software.

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27. (Currently Amended) A method for selecting and simultaneously displaying a plurality of digitally stored objects, comprising the steps of:
- displaying an array of digitally stored objects;
  - selecting a plurality of digitally stored objects from the array of digitally stored objects, wherein each one of the selected plurality of digitally stored objects has at least one ~~dynamically-linked~~ associated ~~destination-object-webpage~~;
  - after the selecting step, retrieving the at least one ~~dynamically-linked destination object associated webpage~~ associated ~~[[for]]~~ with each one of the selected plurality of digitally stored objects, resulting in a plurality of retrieved webpages; and
  - simultaneously displaying ~~[[all]]~~ together each one of the retrieved ~~associated destination-objects~~ webpages in a single window.
28. (Currently Amended) The method according to Claim 27, wherein a different check box is associated with each one of the plurality of digitally stored objects and,
- said selecting step comprises the steps of:
    - selecting each one of the plurality of digitally stored objects one at a time by using a computer input device to invoke a different check box such that a check appears in the check box; and
  - said retrieving step includes the step of:
    - invoking a submit button using the input device to retrieve and simultaneously display the ~~associated destination-objects~~ retrieved webpages.
29. (Currently Amended) The method according to Claim 27, wherein said selecting step comprises the step of:
- selecting each one of the plurality of digitally stored objects one at a time by using a computer mouse to point to a different token link associated with each different one of the plurality of digitally stored objects and single clicking a computer mouse button; and
  - said retrieving step comprises the step of:

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after all of the digitally stored objects have been selected, double clicking the  
computer mouse button to retrieve and simultaneously display the ~~associated objects~~  
retrieved webpages.

30. (Previously presented) The method according to Claim 27, wherein a computer  
mouse having a first button and a second button is used to select the plurality of digitally  
stored objects and to retrieve the associated destination objects,

said selecting step comprises the step of:

selecting each one of the plurality of digitally stored objects one at a time by  
pointing to a different token link associated with each different one of the plurality of  
digitally stored objects and clicking the first computer mouse button while holding  
down the second computer mouse button, and

said retrieving step comprises the step of:

after all of the digitally stored objects have been selected, clicking the first  
computer mouse button without holding the second computer mouse button to retrieve  
and simultaneously display the ~~associated objects~~ retrieved webpages.

31. (Currently Amended) The method according to Claim 27, wherein primarily textual  
content associated with each one of the retrieved ~~associated objects~~ webpages is sub-framed.

32. (Currently Amended) A system for displaying content viewed on a display device,  
comprising:

a single ~~electronic~~ webpage displaying simultaneously together a plurality of ~~scrolling~~  
sub-framed arrays, at least one of the sub-framed arrays being configured to scroll  
automatically, each sub-framed array containing a frame containing a plurality of thumbnails  
and a plurality of independently selectable sub-frames, each sub-framed array able to be  
independently and selectively stopped and scrolled at a selective speed by a viewer or website  
operator.



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33. (Previously presented) The system according to Claim 32, wherein when a page loads for a first time a default category selected by a website operator is displayed, and when the page loads for a time other than the first time, a category corresponding to the category last viewed by the viewer when they accessed the page is displayed.

34. (Previously presented) The system according to Claim 32, wherein each sub-framed array includes a progress bar indicating how much of the total array has been viewed, the bar also indicating the beginning and end of the sub-framed array.

35. (Currently Amended) The system according to Claim 32, wherein when a viewer moves a cursor to a thumbnail of interest, the sub-framed array stops ~~rolling~~ scrolling and high level information regarding the thumbnail appears in a dialog box positioned approximate to the thumbnail of interest.

36. (Previously presented) The system according to Claim 32, wherein selecting a thumbnail of interest results in a larger image of the thumbnail appearing with more detailed information in a sub-frame that the viewer can scroll manually or that can be automatically scrolled.

37. (Previously presented) The system according to Claim 32, wherein when a viewer selects a thumbnail of interest, a border surrounding the thumbnail is highlighted.

38. (Previously presented) The system according to Claim 37, wherein a color of the highlighted border changes to indicate that the image has been selected and viewed.

39. (Previously presented) The system according to Claim 38, wherein if after viewing the thumbnail the viewer is not interested in the selected thumbnail, the viewer can close the

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image and the color of the highlighted border changes or disappears to indicate that the thumbnail was viewed but of no further interest to the viewer.

40. (Previously presented) The system according to Claim 32, wherein when a viewer removes a cursor from a thumbnail, the sub-framed array in which the thumbnail resides resumes scrolling.

41. (Previously presented) The system according to Claim 32, wherein the position of the thumbnail relative to the sub-frame array is selectively controllable by the viewer or a website operator.

42. (Previously presented) The system according to Claim 32, wherein the enlarged image of the thumbnail can be selectively programmed to remain on-screen, be minimized or pushed to the background.

43. (Previously presented) The system according to Claim 32, wherein the page can display any desired number of sub-frame arrays of interest, the sub-frame arrays able to be manually or automatically extended beyond the screen, scrolled horizontally and vertically, or resized so that all of the sub-frame arrays are viewable.

44. (Previously presented) The system according to Claim 32, wherein sub-frame arrays that have been selected can be enlarged and can include transactional commands to process a commercial transaction.

45. (Previously presented) The system according to Claim 32, wherein the thumbnails display advertising.

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46. (Previously presented) The system according to Claim 32, wherein the webpage includes at least one textual link and at least one graphical link, each link representing a different category of information.
47. (Previously presented) The system according to Claim 46, wherein the webpage includes at least one control element for controlling the textual and graphical links.
48. (Currently Amended) A system for displaying information, the system comprising a computing device, ~~the computing device comprising a display device and an input device,~~ wherein ~~the computing device is~~ configured to:
- enable a user using ~~[[the]]~~ a input device to select from a webpage displayed on ~~[[the]]~~ a display device a plurality of displayed digitally stored objects, resulting in a plurality of selected objects, each of the selected objects being associated with at least one webpage ~~a linked destination object;~~
  - enable the user to submit the plurality of selected objects for processing;
  - retrieve ~~the at least one webpage~~ a linked destination object for each of the selected objects, resulting in a plurality of retrieved ~~linked destination objects~~ webpages; and
  - display within a single window on the display device the plurality of retrieved ~~linked destination objects~~ webpages.
49. (Currently Amended) The system of claim 48, wherein each ~~object~~ webpage of the plurality of retrieved ~~linked destination objects~~ webpages is displayed in a separate sub-frame within the single window.
50. (New) The system of claim 48, further comprising:

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on the display device displaying a two-dimensional array of graphical thumbnails of  
the digitally stored objects.

51. (New) The system according to claim 50, wherein the graphical thumbnails in the  
two-dimensional array can be selectively scrolled at any one of a plurality of speeds and can  
be selectively stopped from scrolling.

52. (New) The system according to Claim 50, wherein the graphical thumbnails in the  
two-dimensional array can be selectively scrolled vertically.

53. (New) The system according to Claim 50, wherein the graphical thumbnails in the  
two-dimensional array can be selectively scrolled horizontally.

54. (New) The system according to Claim 50, wherein the two-dimensional array of  
graphical thumbnails has a selectively adjustable number of columns and rows.

55. (New) The system according to Claim 48, further comprising sub-framing  
information associated with the selected plurality of digitally stored objects.

56. (New) The system according to Claim 55, wherein the sub-framing includes a  
horizontal dynamic scroll bar and a vertical dynamic scroll bar that allow an orderly  
arrangement and presentation of textual information.

57. (New) A user interface for use with an electronic device having a display and an  
input device, comprising:

a selection page displaying a plurality of data objects from a plurality of web pages,  
each of the data objects having an associated link to a destination web page;

a multiple selection mechanism configured to enable a user to select a plurality of the  
data objects with the input device;

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a subject element responsive to operation of the input device;

a single web page simultaneously displaying, in response to user activation of the submit element, information for the selected plurality of the data object, the information being retrieved from respective ones of the destination web pages using the associated links.

58. (New) The user interface of claim 57, wherein the plurality of web pages are from a plurality of web sites.

59. (New) The user interface of claim 57, wherein the single web page presents the information in an array.

60. (New) The user interface of claim 57, wherein the data object is a link identifier or a thumbnail.

61. (New) The user interface of claim 57 wherein the data object further includes a check box responsive to user indication of selection.

62. (New) The user interface of claim 57, wherein the data objects in the array scroll without user input.

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REMARKS

This amendment responds to the office action mailed March 18, 2009. In the office action the Examiner:

- rejected claims 1-24, 26-30 and 48 under 35 U.S.C. 103(a) as being unpatentable over Allard et al. (US 6,249,773) in view of Yonezawa et al. (US 5,905,973);
- rejected claims 31 and 49 under 35 U.S.C. 103(a) as being unpatentable over Allard et al. (US 6,249,773) in view of Yonezawa et al. (US 5,905,973) and further view of Daughtrey (US 7,409,643);
- rejected claim 25 under 35 U.S.C. 103(a) as being unpatentable over Allard et al (US 6,249,773) in view of Yonezawa et al. (US 5,905,973) and further view of Szabo (US 5,954,640);
- rejected claims 32-34 and 40-43 under 35 U.S.C. 103(a) as being unpatentable over Himmel et al. (US 6,211,874) in view of Gibson (US 6,313,854) and further in view of Kaply (US 6,215,490);
- rejected claim 35 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Gavron et al. ("Gavron", "How to Use Microsoft Windows NT 4 Workstation");
- rejected claim 36 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Tang et al. (US 5,793,365);
- rejected claims 37-39 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Itoh (US 5,966,122);
- rejected claim 44 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Moore et al. (US 6,330,575);
- rejected claim 45 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Collins-Rector et al. (US 6,188,398);
- rejected claim 46 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Applicant's admitted prior art; and

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rejected claim 47 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and Applicant's admitted prior art and further in view of Lyengar et al. (US 6,360,205).

### **OVERVIEW OF CHANGES TO THE CLAIMS**

Claims 1, 9-12, 14, 16, 18-29, 31, 32, 35 and 48-49 have been amended to clarify the claims without changing the scope of the claims. Claims 9, 10, 12, 16, 18 and 22-26 have been amended to depend from claim 48.

Claims 50-62 have been added. Support for claims 50-54 can be found in at least claims 2-6. Support for claims 55-56 can be found in at least claims 7 and 8.

Support for claims 57-62 can be found in at least the paragraph beginning at page 21, line 9, the paragraph beginning at page 22, line 14 and the paragraph beginning at page 25, line 1 of the amended specification.

Support for the amendment to claim 32 can be found in the paragraph beginning at page 2, line 8, the paragraph beginning at page 13, line 8 and the paragraph beginning at page 30, line 10 of the amended specification.

With respect to all amendments, Applicants have not dedicated or abandoned any unclaimed subject matter. Moreover, Applicants have not acquiesced to any characterizations of the invention, nor any rejections or objections of the claims, made by the Examiner.

After entry of this amendment, the pending claims are: claims 1-62

### **REMARKS CONCERNING REJECTIONS UNDER 35 U.S.C. 103**

To establish prima facie obviousness of a claimed invention, all the claim elements must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). Finding all the claim elements in the prior art is necessary, but not sufficient. *KSR Intern. Co. v. Teleflex Inc.*, 127 S.Ct. 1727, 1741 (2007) ("a patent composed of several elements is not proved obvious merely by demonstrating that each of its elements was, independently, known in the prior art"). "All words in a claim must be considered in judging the patentability of that claim against the prior art." *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970).

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- A. **Rejection of claims 1-24, 26-30 and 48 under 35 U.S.C. 103(a) as being unpatentable over Allard et al. (US 6,249,773) in view of Yonezawa et al. (US 5,905,973).**

1. **The combination of Allard and Yonezawa fails to disclose retrieving at least one associated webpage for each one of the selected plurality of digitally stored objects and simultaneously displaying the retrieved associated webpages in a single window.**

As amended, Claim 27 requires:

displaying an array of digitally stored objects;  
selecting a plurality of digitally stored objects from the array of digitally stored objects, wherein each one of the selected plurality of digitally stored objects has at least one associated webpage;  
after the selecting step, retrieving the at least one associated webpage with each one of the selected plurality of digitally stored objects, resulting in a plurality of retrieved webpages; and  
simultaneously displaying together each one of the retrieved webpages in a single window.  
(Emphasis added).

Allard discloses adding items to a virtual shopping cart or list. (Allard, Abstract) In Allard, the selected items have associated inventory data. (Allard, col. 4, lns 11-22) However, Allard does not teach or suggest that the inventory data is associated with a webpage. Thus, Allard fails to teach "simultaneously displaying together each one of the retrieved webpages in a single window" as required by claim 27.

Yonezawa discloses adding items to a virtual shopping cart and viewing the items in the shopping cart. (Yonezawa, col. 5, lns 13-37). In Yonezawa, each item has associated item data which includes a shop code, item code, item name and unit price (Yonezawa, Figure 5 and col. 5, lns 38-46). In other words, the item data is at most a collection of numerical and textual information. Yonezawa does not teach or suggest that the item data is associated with a web page. Thus, Yonezawa does not teach or suggest "simultaneously displaying together each one of the retrieved webpages in a single window" as required by claim 27.

In summary, the combination of Allard and Yonezawa, does not teach or suggest, "simultaneously displaying together each one of the retrieved webpages in a single window." Thus, there is no prima facie case of obviousness for independent claim 27 and any associated dependent claims. Independent claims 1, 48 and 55 and associated dependent claims 2-26, 48 and 56-60 are patentable over the combination of Allard and Yonezawa for



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analogous reasons as those explained with respect to claim 27. Applicants respectfully  
request that this rejection be withdrawn.

**B. Rejection of claims 32-34 and 40-43 under 35 U.S.C. 103(a) as being  
unpatentable over Himmel et al. (US 6,211,874) in view of Gibson (US 6,313,854)  
and further in view of Kaply (US 6,215,490).**

1. The combination of Himmel, Gibson and Kaply fails to teach a sub-  
framed array that is configured to scroll automatically.

Claim 32 requires:

a single webpage displaying simultaneously together a plurality of sub-  
framed arrays, at least one of the sub-framed arrays being configured to scroll  
automatically, each sub-framed array containing a frame containing a plurality  
of thumbnails and a plurality of independently selectable sub-frames, each  
sub-framed array able to be independently and selectively stopped and scrolled  
at a selective speed by a viewer or website operator.  
(Emphasis added).

The cited references disclose windows that are capable of being scrolled through the  
manual selection of scroll bars. In contrast, claim 32 requires "at least one of the sub-framed  
arrays is configured to scroll automatically." In other words, at least one of the sub-framed  
arrays is configured to scroll automatically without any user interaction.

By its plain meaning, the claimed "configured to scroll automatically" is not  
synonymous with manually scrolling. See MPEP 2111.01 ("The words of a claim must be  
given their plain meaning unless such meaning is inconsistent with the specification."). In  
addition, Claim 36 requires "a sub-frame that the view can scroll manually or can be  
automatically scrolled," further indicating that automatically scrolled does not correspond to  
manually scrolling. In short, automatic scrolling is distinct from manual scrolling.

Himmel discloses selecting multiple links and displaying a window for each of the  
selected links. (Himmel, col. 7 lines 19-36) Gibson discloses detecting a webpage with  
multiple frames and displaying the frames as separate windows. (Gibson, col. 8, lines 6-43).  
Kaply discloses windows that contain scroll bars. (Figure 5A) The windows in Himmel,  
Gibson and Kaply contain scroll bars that enable a user to scroll through portions of the  
content displayed in the windows. It is noted that to scroll a window a user has to select a  
scroll bar, thus a user can only scroll one window at a time. In other words, the windows in  
Himmel, Gibson and Kaply disclose a plurality of windows that are capable of being

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manually scrolled one at a time. In contrast, the current claims require "at least one of the sub-framed arrays is configured to scroll automatically."

Thus, the combination of Himmel, Gibson and Kaply, does not teach or suggest, "at least one of the sub-framed arrays is configured to scroll automatically." Thus, there is no prima facie case of obviousness for independent claim 32 and dependent claims 33-47. Applicants respectfully request that this rejection be withdrawn.

**C. Rejection of claims 31 and 49 under 35 U.S.C. 103(a) as being unpatentable over Allard et al. (US 6,249,773) in view of Yonezawa et al. (US 5,905,973) and further view of Daughtrey (US 7,409,643).**

Claims 31 and 49 depend from independent claims 27 and 48 respectively. Therefore, dependent claims 31 and 49 include each and every limitation of independent claims 27 and 48, respectively. As discussed above, the combination of Allard and Yonezawa does not teach all of the limitations of independent claims 27 and 48. Daughtrey is not cited for and does not teach the missing limitations. Because Allard, Yonezawa and Daughtrey, either alone or in combination, do not teach the missing limitations, there is no prima facie case of obviousness for independent claims 27 and 48 and dependent claims 31 and 49. Applicants respectfully request that this rejection be withdrawn.

**D. Rejection of claim 25 under 35 U.S.C. 103(a) as being unpatentable over Allard et al (US 6,249,773) in view of Yonezawa et al. (US 5,905,973) and further view of Szabo (US 5,954,640).**

Claim 25 depends from independent claim 1. Therefore, dependent claim 25 includes each and every limitation of independent claim 1. As discussed above, the combination of Allard and Yonezawa does not teach all of the limitations of independent claim 1. Szabo is not cited for and does not teach the missing limitations. Because Allard, Yonezawa and Szabo, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 1 and associated dependent claim 25. Applicants respectfully request that this rejection be withdrawn.

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- E. Rejection of claim 35 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Gavron et al. ("Gavron", "How to Use Microsoft Windows NT 4 Workstation").**

Claim 35 depends from independent claim 32. Therefore, dependent claim 35 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Gavron is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Gavron, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 35. Applicants respectfully request that this rejection be withdrawn.

- F. Rejection of claim 36 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Tang et al. (US 5,793,365).**

Claim 36 depends from independent claim 32. Therefore, dependent claim 36 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Tang is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Tang, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 36. Applicants respectfully request that this rejection be withdrawn.

- G. Rejection of claims 37-39 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Itoh (US 5,966,122).**

Claims 37-39 depend from independent claim 32. Therefore, dependent claims 37-39 include each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Itoh is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Itoh, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent

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claim 32 and associated dependent claims 37-39. Applicants respectfully request that this rejection be withdrawn.

- H. Rejection of claim 44 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further in view of Moore et al. (US 6,330,575).**

Claim 44 depends from independent claim 32. Therefore, dependent claim 44 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Moore is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Moore, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 44. Applicants respectfully request that this rejection be withdrawn.

- I. Rejection of claim 45 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Collins-Rector et al. (US 6,188,398).**

Claim 45 depends from independent claim 32. Therefore, dependent claim 45 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Collins-Rector is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Collins-Rector, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 45. Applicants respectfully request that this rejection be withdrawn.

- J. Rejection of claim 46 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and further view of Applicant's admitted prior art.**

Claim 46 depends from independent claim 32. Therefore, dependent claim 46 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. The Applicant's admitted prior art is not cited for and does not teach the missing limitations. Because Himmel, Gibson, Kaply and Applicant's admitted prior art,

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either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 46.  
Applicants respectfully request that this rejection be withdrawn.

**K. Rejection of claim 47 under 35 U.S.C. 103(a) as being unpatentable over Himmel (US 6,211,874) in view of Gibson (US 6,313,854) and Kaply (US 6,215,490) and Applicant's admitted prior art and further in view of Lyengar et al. (US 6,360,205).**

Claim 47 depends from independent claim 32. Therefore, dependent claim 47 includes each and every limitation of independent claim 32. As discussed above, the combination of Himmel, Gibson and Kaply does not teach all of the limitations of independent claim 32. Applicant's admitted prior art and Lyengar are not cited for and do not teach the missing limitations. Because Himmel, Gibson, Kaply, Applicant's admitted prior art and Lyengar, either alone or in combination, do not teach at least these claim limitations, there is no prima facie case of obviousness for independent claim 32 and associated dependent claim 47. Applicants respectfully request that this rejection be withdrawn.

### CONCLUSION

By responding in the foregoing remarks only to particular positions asserted by the Examiner, the Applicants do not necessarily acquiesce in other positions that have not been explicitly addressed. In addition, the Applicants' arguments for the patentability of a claim should not be understood as implying that no other reasons for the patentability of that claim exist.

In light of the above amendments and remarks, the Applicant respectfully requests that the Examiner reconsider this application with a view towards allowance. The Examiner is invited to call the undersigned attorney at (650) 843-4000, if a telephone call could help resolve any remaining items.

Respectfully submitted,

Date: \_\_\_\_\_

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Appendix A  
Revised Figures (see attached copies)

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Notes/samplesDO NOT SUBMIT THIS PAGE**Claim format explanation**

<List each claim which has been presented in the application in sequential order and with a status identifier\* (whether or not it is still under examination). The changes in the amended claim should be shown by ~~strike-through~~ for deleted matter or underlining for added matter with two exceptions: (1) for deletion of five characters or fewer, double brackets may be used (e.g., [[error]]; and (2) if strike-through cannot be easily perceived (e.g., deletion of the number '4' or certain punctuation marks), double brackets must be used (e.g., [[4]]). As an alternative to using double brackets, however, extra portions of text may be included before and after text being deleted, all in strike-through, followed by including and underlining the extra text with the desired change. Only claims having the status of "currently amended," or "withdrawn" if also being amended, shall include markings. If a withdrawn claim is currently amended, its status in the claim listing may be identified as "withdrawn— currently amended." **A separate, clean version of the claims is no longer necessary.**

**\*Status identifiers:**

Only the following 7 status identifiers should be used to indicate the status of the claims (in parentheses after the claim number).

1. (Original): Claim filed with the application
2. (Currently amended): Claim being amended in the current amendment document
3. (Canceled): Claim deleted from the application.
4. (Withdrawn): Claim still in the application, but in a non-elected status.
5. (Previously presented): Claim added or amended in an earlier amendment document
6. (New): Claim being added in the current amendment document.
7. (Not entered): Claim presented in a previous amendment document but which has either not been entered or the status of entry is unknown to applicant when a subsequent amendment to the claims is filed.>



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REMARKS CONCERNING REVISIONS TO THE SPECIFICATION

{for 101 / 112 1st paragraph rejections} Paragraphs [x] and [y] have been amended to state that computer memory, or alternatively one or more storage devices in computer memory, includes a computer readable storage medium.

No new matter has been added. In particular, it is notoriously well understood by any person of ordinary skill in the art that computer memory includes a computer readable storage medium.

Please amend paragraph [x] as follows:

[0047] Figure 5 is a block diagram illustrating.... Memory 512, or alternatively one or more storage devices (e.g., one or more nonvolatile storage devices) within memory 512, includes a computer readable storage medium. In some embodiments, memory 512 or the computer readable storage medium of memory 512 stores the following programs, modules and data structures, or a subset thereof:

Alternative:

... Memory 712, or one or more of the storage devices (e.g., one or more non-volatile storage devices) in memory 712, includes a computer readable storage medium. In some embodiments, [[the]] memory 712 or the computer readable storage medium of memory 712 stores the following programs, modules and data structures, or a subset thereof: